

(19) World Intellectual Property
Organization
International Bureau



Rec'd PCT/PTO 01 APR 2005

10/530077



(43) International Publication Date
22 April 2004 (22.04.2004)

PCT

(10) International Publication Number
WO 2004/033907 A1

(51) International Patent Classification⁷: F04B 39/10

(21) International Application Number:
PCT/BR2003/000145

(22) International Filing Date: 8 August 2003 (08.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PI 0204413-7 9 October 2002 (09.10.2002) BR

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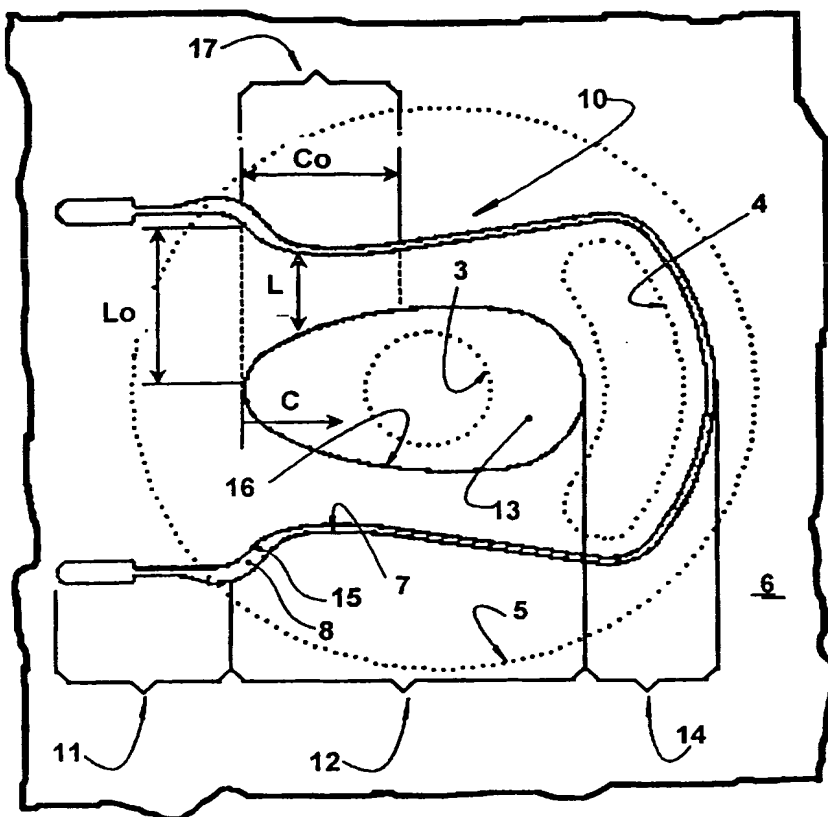
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(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BY, BZ, CA, CH, CN, CO, CR, CU, CZ,
DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(54) Title: SUCTION VALVE FOR A SMALL HERMETIC COMPRESSOR



(57) Abstract: A suction valve for a small hermetic compressor of the type presenting a compression cylinder (1), which has an end closed by a valve plate (2) having a discharge orifice (3) and a suction orifice (4), said valve comprising a flexible vane (10) which is shaped in a way to present: a fixation end portion (11) to be affixed to the valve plate (2); a bending median portion (12) provided with a median opening (13) aligned with a discharge orifice (3); and a sealing end portion (14) operatively associated with the suction orifice (4), the distance between an external edge (15) of the flexible vane (10) and an adjacent internal edge portion (16) of the contour of the median opening (13) diminishing, progressively, along a higher bending region (17) of the flexible vane (10) from a maximum value, close to the end fixation portion (11) to a minimum value, close to the boundary of the higher bending region (17).

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